NOV 0 3 2003 E

Magnetic Bias Pinning Layer For GMR Sensor of a Magnetic Head for a Hard Disk Drive

S/N: 10/631,340

Atty. Docket #HSJ9-2003-0107US1

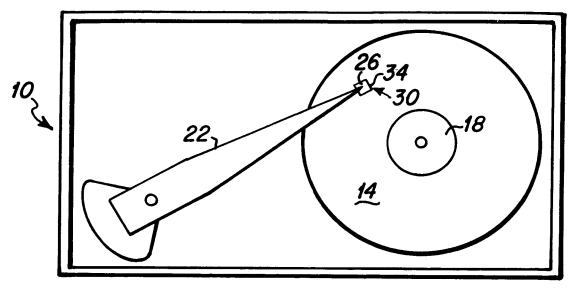


Fig.1

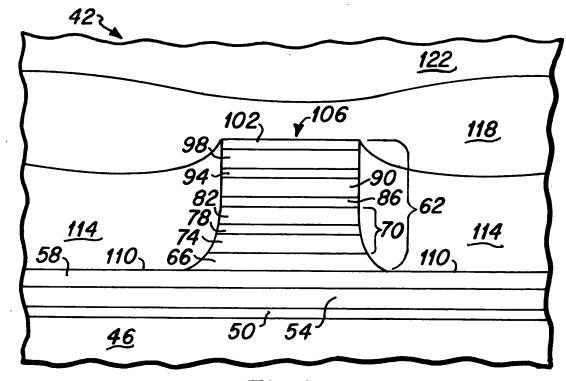


Fig.2 (PRIOR ART)

HOV 0 3 2003 E

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